



[4910-13-P]

**DEPARTMENT OF TRANSPORTATION**

**Federal Aviation Administration**

**14 CFR Part 39**

**[Docket No. FAA-2018-0371; Product Identifier 2018-CE-005-AD]**

**RIN 2120-AA64**

**Airworthiness Directives; Pacific Aerospace Limited Airplanes**

**AGENCY:** Federal Aviation Administration (FAA), Department of Transportation (DOT).

**ACTION:** Notice of proposed rulemaking (NPRM).

**SUMMARY:** We propose to adopt a new airworthiness directive (AD) for certain Pacific Aerospace Limited Model 750XL airplanes. This proposed AD results from mandatory continuing airworthiness information (MCAI) originated by an aviation authority of another country to identify and address an unsafe condition on an aviation product. The MCAI describes the unsafe condition as insufficient clearance between the pitot tubes and the primary support at the flame arrester intersection. We are issuing this proposed AD to require actions to address the unsafe condition on these products.

**DATES:** We must receive comments on this proposed AD by [INSERT DATE 45 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER].

**ADDRESSES:** You may send comments by any of the following methods:

- Federal eRulemaking Portal: Go to <http://www.regulations.gov>. Follow the instructions for submitting comments.
- Fax: (202) 493-2251.

- Mail: U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue, SE, Washington, DC 20590.

- Hand Delivery: U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue, SE., Washington, DC 20590, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

For service information identified in this proposed AD, contact Pacific Aerospace Limited, Airport Road, Hamilton, Private Bag 3027, Hamilton 3240, New Zealand; phone: +64 7843 6144; fax: +64 843 6134; email: [pacific@aerospace.co.nz](mailto:pacific@aerospace.co.nz); Internet: [www.aerospace.co.nz](http://www.aerospace.co.nz). You may review this referenced service information at the FAA, Policy and Innovation Division, 901 Locust, Kansas City, Missouri 64106. For information on the availability of this material at the FAA, call (816) 329-4148.

### **Examining the AD Docket**

You may examine the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2018-0371; or in person at Docket Operations between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this proposed AD, the regulatory evaluation, any comments received, and other information. The street address for Docket Operations (telephone (800) 647-5527) is in the ADDRESSES section. Comments will be available in the AD docket shortly after receipt.

**FOR FURTHER INFORMATION CONTACT:** Mike Kiesov, Aerospace Engineer, FAA, Small Airplane Standards Branch, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4144; fax: (816) 329-4090; email: [mike.kiesov@faa.gov](mailto:mike.kiesov@faa.gov).

## **SUPPLEMENTARY INFORMATION:**

### **Comments Invited**

We invite you to send any written relevant data, views, or arguments about this proposed AD. Send your comments to an address listed under the ADDRESSES section. Include “Docket No. FAA-2018-0371; Product Identifier 2018-CE-005-AD” at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of this proposed AD. We will consider all comments received by the closing date and may amend this proposed AD because of those comments.

We will post all comments we receive, without change, to <http://regulations.gov>, including any personal information you provide. We will also post a report summarizing each substantive verbal contact we receive about this proposed AD.

### **Discussion**

The Civil Aviation Authority of New Zealand (CAA), has issued DCA/750XL/24A, dated March 22, 2018 (referred to after this as “the MCAI”), to correct an unsafe condition for Pacific Aerospace Limited Model 750XL airplanes. The MCAI states:

Pacific Aerospace SB PACSB/XL/094 issue 2, dated 20 March 2018 revised to include inspection information, and DCA/750XL/24A updated to introduce the revised SB.

The [CAA] AD is prompted by a production inspection of installed pitot static plumbing which identified insufficient clearance between the pitot tubes and the primary support at the flame arrestor intersection.

This proposed AD would require inspecting the pitot static tubes for chafing damage, replacing tubing as necessary, installing additional clamp for pitot static tube support,

protecting plumbing with spiralwrap, and ensuring proper clearance between the pitot tubes and the primary support at the flame arrester intersection. You may examine the MCAI on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2018-0371.

#### **Related Service Information under 1 CFR part 51**

Pacific Aerospace Limited has issued Pacific Aerospace Service Bulletin PACSB/XL/094, Issue 2, dated March 20, 2018. The service information describes procedures for inspecting the pitot static tubing for chafing, replacing tubing as necessary, installing an additional clamp for pitot static tube support, protecting plumbing with spiralwrap, and ensuring proper clearance between the pitot tubes and the primary support at the flame arrester intersection. This service information is reasonably available because the interested parties have access to it through their normal course of business or by the means identified in the ADDRESSES section.

#### **FAA's Determination and Requirements of the Proposed AD**

This product has been approved by the aviation authority of another country, and is approved for operation in the United States. Pursuant to our bilateral agreement with this State of Design Authority, they have notified us of the unsafe condition described in the MCAI and service information referenced above. We are proposing this AD because we evaluated all information and determined the unsafe condition exists and is likely to exist or develop on other products of the same type design.

#### **Costs of Compliance**

We estimate that this proposed AD will affect 22 products of U.S. registry. We also estimate that it would take about 1 work-hour per product to comply with the basic requirements of this proposed AD. The average labor rate is \$85 per work-hour. Required parts would cost about \$25 per product.

Based on these figures, we estimate the cost of the proposed AD on U.S. operators to be \$2,420, or \$110 per product.

In addition, we estimate that any necessary follow-on actions would take about 1 work-hour and require parts costing \$25, for a cost of \$110 per product. We have no way of determining the number of products that may need these actions.

### **Authority for This Rulemaking**

Title 49 of the United States Code specifies the FAA's authority to issue rules on aviation safety. Subtitle I, section 106, describes the authority of the FAA Administrator. "Subtitle VII: Aviation Programs," describes in more detail the scope of the Agency's authority.

We are issuing this rulemaking under the authority described in "Subtitle VII, Part A, Subpart III, Section 44701: General requirements." Under that section, Congress charges the FAA with promoting safe flight of civil aircraft in air commerce by prescribing regulations for practices, methods, and procedures the Administrator finds necessary for safety in air commerce. This regulation is within the scope of that authority because it addresses an unsafe condition that is likely to exist or develop on products identified in this rulemaking action.

This AD is issued in accordance with authority delegated by the Executive Director, Aircraft Certification Service, as authorized by FAA Order 8000.51C. In accordance with that order, issuance of ADs is normally a function of the Compliance and Airworthiness Division, but during this transition period, the Executive Director has delegated the authority to issue ADs applicable to small airplanes, gliders, balloons, airships, domestic business jet transport airplanes, and associated appliances to the Director of the Policy and Innovation Division.

## **Regulatory Findings**

We determined that this proposed AD would not have federalism implications under Executive Order 13132. This proposed AD would not have a substantial direct effect on the States, on the relationship between the national Government and the States, or on the distribution of power and responsibilities among the various levels of government.

For the reasons discussed above, I certify this proposed regulation:

- (1) Is not a “significant regulatory action” under Executive Order 12866,
- (2) Is not a “significant rule” under the DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979),
- (3) Will not affect intrastate aviation in Alaska, and
- (4) Will not have a significant economic impact, positive or negative, on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

## **List of Subjects in 14 CFR Part 39**

Air transportation, Aircraft, Aviation safety, Incorporation by reference, Safety.

## **The Proposed Amendment**

Accordingly, under the authority delegated to me by the Administrator, the FAA proposes to amend 14 CFR part 39 as follows:

### **PART 39 - AIRWORTHINESS DIRECTIVES**

- 1. The authority citation for part 39 continues to read as follows:

Authority: 49 U.S.C. 106(g), 40113, 44701.

#### **§ 39.13 [Amended]**

- 2. The FAA amends § 39.13 by adding the following new AD:

**Pacific Aerospace Limited:** Docket No. FAA-2018-0371; Product Identifier 2018-CE-005-AD.

**(a) Comments Due Date**

We must receive comments by [INSERT DATE 45 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER].

**(b) Affected ADs**

None.

**(c) Applicability**

This AD applies to Pacific Aerospace Limited Model 750XL airplanes, all serial numbers up to and including XL200, certificated in any category.

**(d) Subject**

Air Transport Association of America (ATA) Code 34: Navigation.

**(e) Reason**

This AD was prompted by mandatory continuing airworthiness information (MCAI) originated by an aviation authority of another country to identify and address an unsafe condition on an aviation product. The MCAI describes the unsafe condition as insufficient clearance between the pitot tubes and the primary support at the flame arrester intersection. We are issuing this AD to prevent chafing between the pitot-static plumbing and the flame arrestor, which could lead to damage of the pitot-static lines.

**(f) Actions and Compliance**

Unless already done, do the following actions in paragraphs (f)(1) through (3) of this AD following the Accomplishment Instructions in Pacific Aerospace Service Bulletin PACSB/XL/094, Issue 2, dated March 20, 2018.

(1) Within the next 100 hours time-in-service (TIS) after the effective date of this AD or within the next 60 days after the effective date of this AD, whichever occurs first, inspect the pitot static tubing adjacent to the flame arrestor for chafing damage.

(2) If any chafing damage is found during the inspection required in paragraph (f)(1) of this AD, before further flight, repair or replace any damaged tubing and conduct a pitot and static leak check.

(3) Within the next 100 hours TIS after the effective date of this AD or within the next 60 days after the effective date of this AD, whichever occurs first, install an additional support clamp, protect plumbing with spiralwrap, and ensure proper clearance between the pitot tubes and the primary support at the flame arrester intersection.

**(g) Other FAA AD Provisions**

The following provisions also apply to this AD:

(1) *Alternative Methods of Compliance (AMOCs)*: The Manager, Small Airplane Standards Branch, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. Send information to ATTN: Mike Kiesov, Aerospace Engineer, FAA, Small Airplane Standards Branch, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4144; fax: (816) 329-4090; email: mike.kiesov@faa.gov. Before using any approved AMOC on any airplane to which the AMOC applies, notify your appropriate principal inspector (PI) in the FAA Flight Standards District Office (FSDO), or lacking a PI, your local FSDO.

(2) *Contacting the Manufacturer*: For any requirement in this AD to obtain corrective actions from a manufacturer, the action must be accomplished using a method approved by the Manager, Small Airplane Standards Branch, FAA; or Civil Aviation Authority of New Zealand (CAA).

**(h) Related Information**

Refer to MCAI CAA AD DCA/750XL/24A, dated March 22, 2018, for related information. You may examine the MCAI on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2018-0371. For service information related to this AD, contact Pacific Aerospace Limited, Airport Road, Hamilton, Private Bag 3027, Hamilton 3240, New Zealand; phone: +64 7843 6144; fax: +64 843 6134; email: [pacific@aerospace.co.nz](mailto:pacific@aerospace.co.nz); Internet: [www.aerospace.co.nz](http://www.aerospace.co.nz). You may review this referenced service information at the FAA, Policy and Innovation Division, 901 Locust,



Kansas City, Missouri 64106. For information on the availability of this material at the FAA, call (816) 329-4148.

Issued in Kansas City, Missouri, on May 4, 2018.

Melvin J. Johnson,  
Deputy Director, Policy & Innovation Division,  
Aircraft Certification Service.

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